

[REDACTED]

Page 1

Accept

[illegible]**Setup Start**

Stop

[illegible]**Cust Item ID:**

Abstract

Customer:

Reference:

Run Start

[illegible]

Stop

Revision Nbr

Rev A

0.00

Abstract

0.00

Waterjet

Memo

FLOW CNC Waterjet

1-Cut as per Dwg D3720 ☐ Dwg Rev: A ☐ Prog Rev: A ☐ 2-
Deburr if necessary

6061. 175

0.00

QC2- Inspect parts off machine FAI/FAIB

QC

Memo

Quality Control

0.00

0.00

Abstract

QC8- Inspect parts - second check

QC

Memo

Quality Control

0.00

AB10-9-25

IR10-9-0-

412

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
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| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

Work Order ID 62235

Wednesday, September 22, 2010 3:36:05 PM

Page 2

Item ID: D3720-2

Accept

Revision ID:

Item Name: Step Spacer

Start Date: 9/22/2010 Start Qty: 10.00

Required Date: 9/29/2010 Req'd Qty: 10.00

Reference:

Cust Item ID:

Customer:

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130



Small Fab

Small Fab

Memo

Small Fab

C'sink as per dwg D3720

0.00

0.00

140



QC

Quality Control

QC5- Inspect part completeness to step on W/O

Memo

0.00

0.00

150



HandFinish

Hand Finishing

Chemical Conversion Coat per QSI005 4.1

Memo

0.00

0.00

Signature: [Handwritten Signature]
Date: 9/28/28
Stamp: (12)

Stamp: (12)
2

Stamp: (12) 2

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

Work Order ID 62235

Wednesday, September 22, 2010 3:36:05 PM



Page 3

| | | | | | | |
|----------------|-------------|------------|-------|---------------|-------|--|
| Item ID: | D3720-2 | Accept | | Setup | Start | |
| Revision ID: | | | | | | |
| Item Name: | Step Spacer | | | | Stop | |
| Start Date: | 9/22/2010 | Start Qty: | 10.00 | | | |
| Required Date: | 9/29/2010 | Req'd Qty: | 10.00 | | | |
| Reference: | | | | | | |
| | | | | Cust Item ID: | | |
| | | | | Customer: | | |

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|------------|---------------|-------|------------|-------|-----|-------|--|
| Approvals: | Process Plan: | Date: | Tooling: | Date: | Run | Start | |
| | QC: | Date: | SPC (Y/N): | Date: | | Stop | |

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

| | | | | | | | | | |
|-----------------|--------------------------|------|--|--|--|----|---|--|--|
| 160 | QC3- Inspect Part Finish | 0.00 | | | | | | | |
| | | | | | | | | | |
| QC | Memo | 0.00 | | | | 12 | 0 | | |
| Quality Control | | | | | | | | | |

| | | | | | | | | | |
|-----------|---|------|--|--|--|--|--|--|--|
| 170 | Identify as per dwg & Stock Location: 083 | 0.00 | | | | | | | |
| | | | | | | | | | |
| Packaging | Memo | 0.00 | | | | | | | |
| Packaging | | | | | | | | | |

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|-----------------|---|------|--|--|--|--|--|--|--|
| 180 | QC21- Final Inspection - Work Order Release | 0.00 | | | | | | | |
| | | | | | | | | | |
| QC | Memo | 0.00 | | | | | | | |
| Quality Control | | | | | | | | | |

10/10/30 (12)

10/10/01

MF

10-9-30

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

Picklist Print

Wednesday, September 22, 2010 3:36:09 PM

Page 1

Work Order ID: 62235



Parent Item: D3720-2



Parent Item Name: Step Spacer



Start Date: 9/22/2010

Required Date: 9/29/2010

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP Rev :A New Issue 08-01-11 EC verified by DD

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|---|---------------|----------------|--------|
| M6061T6S.125  6061-T6 .125 Sheet | | Purchased | No | | | 110 | sf | 113.7600 | 0.085 | 0.894737 | 1.1 | | |
| | | | | | | | | | |  | 1310-9-27 | | |

Location

Loc Qty

Loc Code

MAT21

113.76

113608

96

114352

17.76

114352

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
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NOTE: Date & initial all entries

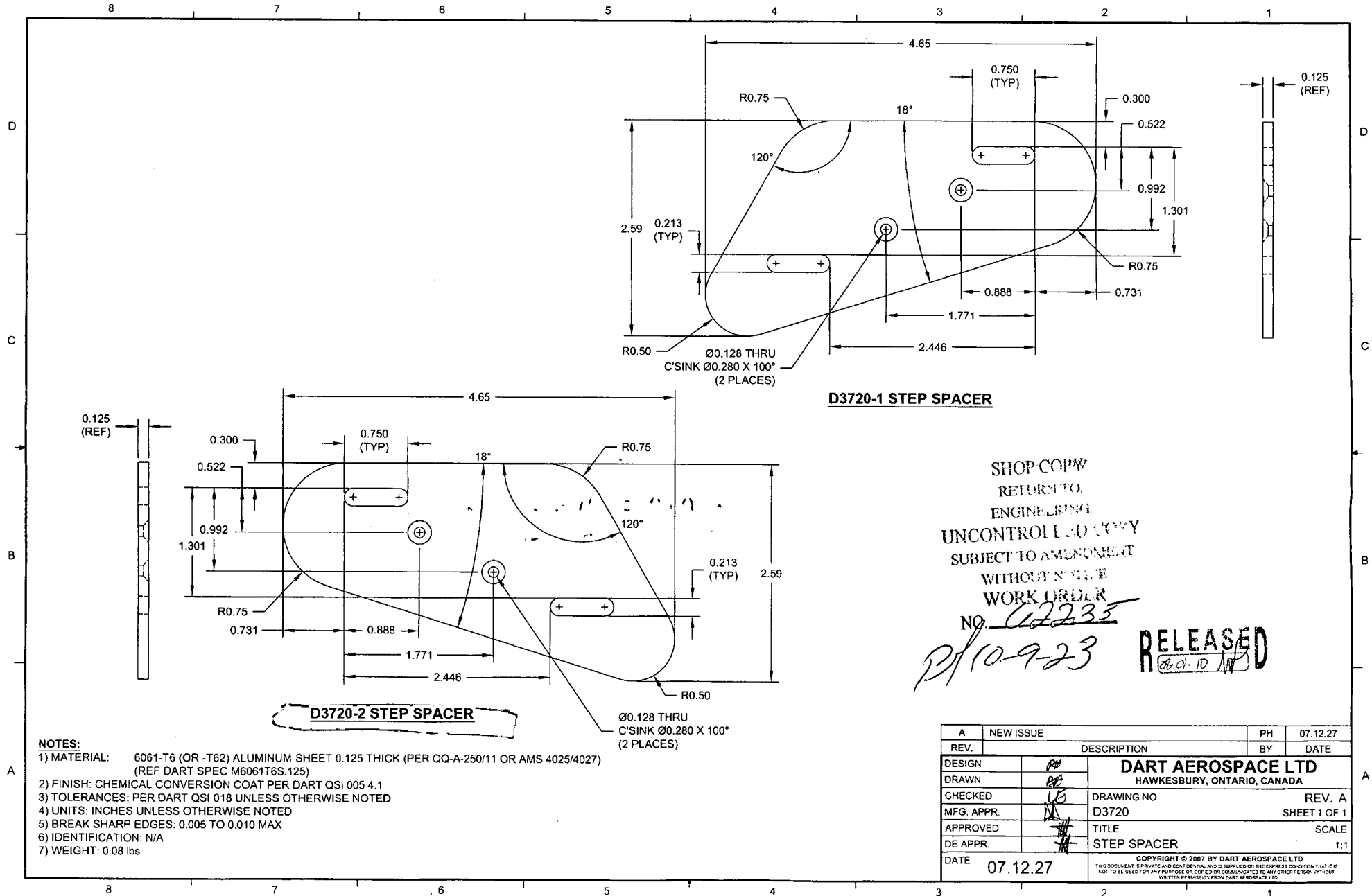
| W/O: | | WORK ORDER CHANGES | | | | | |
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NOTE: Date & initial all entries



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

NO. 62235

2/10-9-23

RELEASED
86-01-10-11

| | | | |
|------------|-------------|---|--------------|
| A | NEW ISSUE | PH | 07.12.27 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN | <i>PH</i> | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| DRAWN | <i>PH</i> | | |
| CHECKED | <i>LS</i> | DRAWING NO. | REV. A |
| MFG. APPR. | <i>LS</i> | D3720 | SHEET 1 OF 1 |
| APPROVED | <i>LS</i> | TITLE | SCALE |
| DE APPR. | <i>LS</i> | STEP SPACER | 1:1 |
| DATE | 07.12.27 | COPYRIGHT © 2007 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD | |

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